Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032955.D
Acq On : 2 Mar 2018 21:02
Operator : SJ/JU
Sample : PB107009BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107009BS

Quant Time: Mar 02 23:35:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63200	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	285294	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	166782	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	378277	20.00	ng		0.00
75) Chrysene-d12	22.62	240	344166	20.00	ng		0.00
86) Perylene-d12	26.42	264	370365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	497346	125.90	ng		0.00
7) Phenol-d6	8.02	99	658075	119.51	ng		0.00
23) Nitrobenzene-d5	10.11	82	382057	92.01	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	217199	123.86	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	834329	72.15	ng		0.00
78) Terphenyl-d14	20.78	244	1212473	79.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	59021	34.426	ng		93
3) Pyridine	4.42	79	163404	34.580	ng		98
4) n-Nitrosodimethylamine	4.32	42	87652	46.266	ng	#	87
6) Aniline	8.20	93	133025	17.848	ng		95
8) 2-Chlorophenol	8.46	128	175002	40.473	ng		92
9) Benzaldehyde	8.01	77	62652	19.742	ng		94
10) Phenol	8.04	94	225623	40.648	ng		93
11) bis(2-Chloroethyl)ether	8.29	93	158771	34.981	ng		96
12) 1,3-Dichlorobenzene	8.80	146	175842	34.721	ng		98
13) 1,4-Dichlorobenzene	8.95	146	176370	34.598	ng		96
14) 1,2-Dichlorobenzene	9.29	146	168724	34.539	ng		99
15) Benzyl Alcohol	9.14	79	150336	37.139	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.44	45	286832	36.761	ng		99
17) 2-Methylphenol	9.34	107	151530	37.021	ng		94
18) Hexachloroethane	10.04	117	64817	37.344	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	132675	34.131	ng	#	95
20) 3+4-Methylphenols	9.68	107	210246	36.943	ng		96
22) Acetophenone	9.76	105	244406	33.921	ng	#	97
24) Nitrobenzene	10.16	77	185213	41.678	ng		92
25) Isophorone	10.68	82	357446	35.696	ng	#	94
26) 2-Nitrophenol	10.89	139	90443	53.909	ng		94
27) 2,4-Dimethylphenol	10.91	122	187021	42.993	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	218623	37.477	ng		96
29) 2,4-Dichlorophenol	11.42	162	161080	40.800	ng		98
30) 1,2,4-Trichlorobenzene	11.65	180	156562	33.829	ng		98
31) Naphthalene	11.85	128	518870	34.806	ng		99
32) Benzoic acid	11.02	122	114190	43.895	ng	#	84
33) 4-Chloroaniline	11.94	127	119996	18.002	ng		95
34) Hexachlorobutadiene	12.12	225	83347	32.107	ng		95
35) Caprolactam	12.69	113	67448	42.665	ng		98
36) 4-Chloro-3-methylphenol	13.00	107	195148	42.475	ng		92
37) 2-Methylnaphthalene	13.40	142	380672	35.295	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	161608	32.642	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	199099	78.908	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	126890	40.640	ng		95
43) 2,4,5-Trichlorophenol	14.05	196	139670	38.651	ng		97
45) 1,1'-Biphenyl	14.37	154	481654	33.048	ng		96
46) 2-Chloronaphthalene	14.43	162	365809	33.601	ng		97
47) 2-Nitroaniline	14.61	65	133812	48.586	ng		90
48) Acenaphthylene	15.27	152	606489	34.026	ng		99
49) Dimethylphthalate	14.95	163	486329	34.342	ng		99
50) 2,6-Dinitrotoluene	15.08	165	107670	46.318	ng		94
51) Acenaphthene	15.59	154	412350	37.147	ng		99
52) 3-Nitroaniline	15.41	138	79198	30.563	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	82685	101.330	ng	#	55
54) Dibenzofuran	15.92	168	566537	35.843	ng		95
55) 4-Nitrophenol	15.69	139	190476	81.948	ng	#	83
56) 2,4-Dinitrotoluene	15.86	165	152853	54.029	ng		86
57) Fluorene	16.56	166	459443	35.218	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	120923	43.100	ng	#	86
59) Diethylphthalate	16.29	149	522523	34.983	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	228112	35.744	ng		93
61) 4-Nitroaniline	16.57	138	118515	39.689	ng		84
62) Azobenzene	16.83	77	480583	35.965	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	67296	56.832	ng		96
65) n-Nitrosodiphenylamine	16.75	169	427024	34.701	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	136971	34.244	ng	#	86
67) Hexachlorobenzene	17.56	284	140658	32.541	ng	#	92
68) Atrazine	17.67	200	150679	37.199	ng		95
69) Pentachlorophenol	17.90	266	196081	72.018	ng		98
70) Phenanthrene	18.30	178	743685	35.239	ng		98
71) Anthracene	18.39	178	764823	36.098	ng		98
72) Carbazole	18.64	167	720234	34.488	ng	#	97
73) Di-n-butylphthalate	19.15	149	911858	35.591	ng		99
74) Fluoranthene	20.25	202	838629	35.974	ng		95
76) Benzidine	20.41	184	233161	19.875	ng		97
77) Pyrene	20.61	202	838538	34.549	ng		97
79) Butylbenzylphthalate	21.48	149	421613	39.180	ng		92
80) Benzo(a)anthracene	22.60	228	791973	35.885	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	171424	20.972	ng	#	98
82) Chrysene	22.67	228	745398	35.357	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	604502	37.951	ng		97
84) Di-n-octyl phthalate	23.84	149	1038644	42.779	ng		100
85) Indeno(1,2,3-cd)pyrene	30.84	276	872393	35.482	ng		97
87) Benzo(b)fluoranthene	25.20	252	800462	36.553	ng	#	97
88) Benzo(k)fluoranthene	25.28	252	774227	35.574	ng	#	95
89) Benzo(a)pyrene	26.25	252	774786	37.198	ng	#	96
90) Dibenzo(a,h)anthracene	30.94	278	711830	33.953	ng	#	92
91) Benzo(g,h,i)perylene	32.24	276	735089	35.568	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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